

### **Abstract**

An aqueous solution that has the capacity for removing tarnish and other soil from copper, silver, gold and other noble metals and alloys thereof comprises an acid, thiourea and a transition metal salt. The aqueous material can be used to treat the surfaces of such articles for the purpose of removing tarnish. Such tarnish is removed by the composition and the composition treats the metal surface to retard the re-appearance of tarnish contaminants.

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